

Amendments To The Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A dough treatment facility (1), comprising
 - a dough feeder (2);
 - a dough metering ~~arrangement~~ device (5, 22 to 27), which comprises
 - at least one delivery piston (5) which presses ~~fed-in~~ dough into at least one metering chamber (23),
 - at least one drive mechanism (6 to 21) for the delivery piston (5);
 - a dough kneading ~~arrangement~~ device (37);
 - a transfer ~~arrangement~~ device (36) which transfers a metered dough piece (35) from the dough metering ~~arrangement~~ device (5, 23 to 27) to the dough kneading ~~arrangement~~ device (37); and
 - a dough discharge ~~arrangement~~ device (6);wherein at least one drive component (11) of the drive mechanism (6 to 21) for the delivery piston (5) comprises a load sensing device (13) which is disposed for

measuring the load by which the delivery piston (5), when pressing the dough, acts on the dough.

2. (Original) A dough treatment facility according to claim 1, wherein the load sensing device (13) comprises at least one wire strain gauge.

3. (Original) A dough treatment facility according to claim 1, wherein the load sensing device (13) is a load cell arranged between two drive members (10, 14) of the drive mechanism (6 to 21).

4. (Original) A dough treatment facility according to claim 3, wherein the load sensing device (13) is disposed in a tubular casing (17) between the two rod sections (10, 14) of a drive rod (11), in particular a connecting rod.

5. (Original) A dough treatment facility according to claim 1, comprising a control unit (16), which is connected to the load sensing device (13) and to the drive mechanism (6 to 21) and which is designed such that the drive (21) of the delivery piston (5), when pressing into the metered chambers (23), is stopped as soon as a pressure that is sensed by the load sensing device (13) exceeds a pre-set pressure limit.

Appln. No. 10/777,628
Amdt. dated July 28, 2004
Reply to Office Action of May 26, 2004

6. (Original) A dough treatment facility according to claim 5, wherein the control unit (16) comprises a data memory for a plurality of load limits.

Appln. No. 10/777,628
Amdt. dated July 28, 2004
Reply to Office Action of May 26, 2004

Amendments to the Drawings

The attached sheet of drawings includes changes to Fig. 7. This sheet replaces the original Fig. 7 sheet. In Fig. 7, reference character 54b (which was used erroneously) is replaced by reference character 54c.

Attachment: Replacement Sheet
Annotated Sheet Showing Changes